

Discussion of Light-Sensitivity Criterion for
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Yu. N. Gorokhovskiy, N. S. Ovechkis, 7 pp.

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No 6, 1962, pp 472-474.

CIA/FDD XX-1444
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Sci - Physics
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Mechanism of Penetration of Components
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NLI Ref: 5828.4 1963 (10,416) (LOAN)

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OTS 63-18979

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LTJ 62-15786 (19pp - 21.40)

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Sci - Physics

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NLL Ref: 5828.4 1963 (10,427) (Loan)

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PROCESS. [Jan 64] 8p
Order from ATS \$13.50

ATS-70Q72R

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p. 36-41.

DESCRIPTORS: *Electrophotography

(Materials--Photographic, TT, v. 11, no. 10)

TT-64-12431

- I. Title: Reciprocity law
- I. Fridkin, V. M.
- II. ATS-70Q72R
- III. Associated Technical
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Apr 67

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CIA/FDD XX-1455
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Sci - Physics
Oct 63

USIB Internal Use Only

ALL RE: 58224 1963 (10/4/63) (10/4/63)
10/4/63 (10/4/63) (10/4/63)

Dependence of Photometric Exposure Equivalent
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Incident and On Photometric Emulsion and Upon
Exposure Conditions, by K. V. Vendrovskiy,
et al.

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Kinematografii, Vol VIII, No I, 1963,
pp 67-69.

NLL Ref: 5828.4 1963 (10,413) (Lean)

Sci - Phys
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ONE - 1LA TT-63-12104(5, 6, 7, 8, 9)

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Order from OTS, SLA, or ETC \$1.10 TT-63-18785

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DESCRIPTORS: *Photographic emulsions, *Photosensi-
tivity, *Dyes, Colors, Surface properties, Adsorption,
Photographic filters, *Thiocyanines,

An investigation was made of effect of a thiocarbocya-
nine dye on light sensitivity (surface) and light sensi-
tivity (internal), by using the method of differentiation of
light sensitivity (surface) and light sensitivity (internal).
Results showed that light sensitivity (surface) and light
sensitivity (internal) decreased by the same amount
(Materials--Photographic, TT, v. 11, no. 1) (over)

TT-63-18785

I. Kheinman, A. S.
II. Natanson, S. V.
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CIA/FID XX-1467

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NLL(LOAN)REF: 5828.4 1963 (10,415)
OTS 63-18778 243,481

Sci - Physics

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Kinematograf, Vol VIII, No 2, 1963, pp 81-86.
MLL Ref: 5828.4 1964 (10,500) (loan copy)

OTS TT-64-10902

Sci
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Levi, S. M., Smirnov, O. K., Ivanchikova, A. P.,
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THE ANTICOMET EFFECT OF WETTING-AGENTS
IN COATING A PHOTOGRAPHIC EMULSION. [1963]

[14p] 11 refs

Order from OTS or SLA \$1.60

63-18533

Trans. of [Zhurnal Nauchnoi i Prikladnoi Fotografii i
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DESCRIPTORS: *Photographic emulsions, *Photo-
graphic chemicals, *Surface active substances,
*Adsorption, Coatings, Esters, Thio radicals, Succinic
acids, Propionic acids, Sodium compounds.

The adsorption properties and the kinetics of adsorption
of the acid esters of sulfosuccinic acid as well as the
neutral esters of sulfosuccinic acid and the esters of
sulfopropionic acid, pass through an optimal value when
(Materials--Photographic, TT, v. 10, no. 10) (over)

63-18533

I. Levi, S. M.

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NLL RES: 5828.4 1964
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Integral Stereo Motion Picture Exposure and
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NLL Ref: 5828.4 1964 (10,510) (loan)

CIA/FDD XX-1551

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K. B. Ginzburg, 6 pp.

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CIA/FDD XX=1451

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OTC 62-20261

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The Nature of the Edge Effect in Electrophotography,
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CIA/FDD XX-1509
NO FOREIGN DISSEM

Sci - Phys
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OTS or SLA 63-18599(10 pp 5.10)

HTS-8/Q72R

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N. N. Markevich, 4 pp.

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No 2, 1963, pp 135-137.

CIA/FDD XX-1403
USIB Internal Use Only

Sci -
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USIB Internal Use Only

CTE 62-13577
OTC-224 67-10470 (4pp-9.1.10)
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Effect of Potassium Thiocyanate on the Formation
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CIA/FDD XX-1404

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Periodicity in the Kinetics of the Development
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Kinematograf, Vol VIII, No 2, 1963, pp 140-142.

NLL Ref: 5828.4 1964 (10,506) (loan)

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Some Properties of Silver Halide Photographic
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Yu. M. Prokhotkiy, 5 pp.
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CIA/FDD XX-1505
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NLL Ref: 5828.4 1964 (10,526)
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Sci - Phys
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NLL Ref: 5828.4 1963 (10,520) (Leon)

Adaption of the Coating Theory to Shakirov Hopper,
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NLL Ref: 5828.4 1964 (10,527) (loan copy)

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Development of Type-R Nuclear Emulsions in
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NLL Ref: 5828.4 1964 (10,528) (loan copy)

073-77-64-10873

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Vol VIII, No 3, 1963, pp 161-164.

CIA/FDD XX-1503
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Mar 64
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Some Surface'Active Derivatives of Iso-
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RUSSIAN, per, Zhur Nauch i Prok Fotograf i
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May 64

Khodchenko, A. N., Grechko, M. K., Vilenakii,
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THE EFFECT OF TIME OF CHEMICAL RIPENING
ON THE OPTICAL SENSITIZATION OF EMULSIONS.
[1963] [20p] 23 refs

Order from OTS or SLA \$1.60

63-20020

Trans. of Zhurnal Nauchnoi i Prikladnoi Fotografii i
Kinematografii (USSR) 1963, v. 8, no. 3, p. 167-[174].
Another trans. Is available from ATS \$9.00 as
ATS-41Q71R [1963] 8p.

DESCRIPTORS: *Photographic emulsions, Aging
(Materials), Optical properties, Sensitivity, Dyes,
Silver compounds, Halides, Absorption spectrum.

An investigation of a number of photographic emulsions
at various stages of second ripening with respect to
their capability of being sensitized with dyes with
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Investigation of the Structure of Silver
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23 pp.

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CIA/FDD XX-1557

NO FOREIGN DISSEM

ALL RE: 58224 MAY 1964 (19, 1963)
(LEAN COPY)

Sci &- M/M

May 64

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MLL Ref: 5825.4 1964 (10,533) (loan copy)

OTS TT-64-14589

Sci
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DETERMINATION OF THE QUANTITATIVE COMPOSITION OF SILVER HALIDE POWDERS ISOLATED FROM PHOTOGRAPHIC EMULSIONS. [Apr 64] 5p
Order from ATS \$3.25 ATS-88R74R

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13pp.

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1963, pp 193-199.

CFSTI TT-64-20085.

Sci - Physics
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Connection With the Height of Its Oscillo-
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NLL Ref: 5828.4 1964 (10,525) (loan copy)

Sci
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SOME PROPERTIES OF SILVER HALIDE PHOTO-
GRAPHIC EMULSIONS WITH GRADES OF LAME-
NATED STRUCTURE, II. [1963] 5p 7refs
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Trans. of Zhurnal Nauchnoi i Prikladnoi Fotografii i
Kineematografii (USSR) 1963, v. 8, no. 2, p. 208-204.

DESCRIPTORS: *Photographic emulsions, *Silver
compounds, Halides, *Chlorides, *Bromides,
Photosensitivity, Photographic chemicals.

NLL FOR STUDY 11/4/64
(1964-1965)

(Materials--Photographic, TT, v. 11, no. 7)

TT-64-14445

I. Prokhotaki, Yu. M.

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NLL Ref: 5828.4 1964 (10,511) (loan)

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NLL Ref: 5828.4 1964 (10,507) (loan)

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Sensitization Effect of Some Polyethylene Glycols,
by A. V. Borin.

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Kinematograf, Vol VIII, No 3, 1963,
pp 211-212.

NLL Ref: 5828.4 1964 (10,503) (loan)

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Towards the Problem of the Mechanism of the
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NLL Ref: 5828.4 1964 (10,524) (loan copy)

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Effect of the Parameters of Electrophoto-
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the Developed Image, by Ya. A. Cherkasov,
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ATS 43-4648

Sci-Methods & Equip
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Scattering of Light and the Reproduction of
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P. Kh. Pruss, 22 pp.

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Vol VIII, No 3, 1963, pp 216-228.

CIA/FDD XX-1537
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Sci - Phys

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Vol VIII, No 3, 1963, pp 230-244.

CIA/FDD XX-1558
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Sci - Phys

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NLL Ref: 5928.4 1964 (10,529)
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Stabilization Mechanism of Benzothiazolotetrazole
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B. M. Ivanov, Yu. B. Vilenskiy.

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Kinematograf, Vol VIII, No 4, 1963, pp 253-261.

NLL Ref: 5828.4-1964 (10,516) (loan)

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Mechanism of Sensitization of Nuclear Emulsions
With Some Dyes, by A. L. Kartuzhanskiy,
L. I. Shur.

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CIA/FDD XX-1552

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Problem of Increasing the Adhesion of an
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Sci -
Jul 67

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~~NO FOREIGN DISSEM~~

Sci - Phys

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271-T-64-10897

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FTD-TT-65-220

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CFSTI TT-64-20084
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Vol VIII, No 4, 1963, pp 293-302.

CIA/FDD XX-1543
NO FOREIGN DISSEM

Sci - Phys
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NLL Ref: 5825.4 1964 (10,530) (loan copy)

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1963

NLL Ref: 5828.4 1964 (10,513) (loan)

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Thermal Relationship of the Sensitivity of
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by K. S. Bogomolov, I. A. Fomina.

RUSSIAN, per, Zhur Nauch i Prik Fotograf i
Kinematograf, Vol VIII, No 4, 1963, pp 311-312.

NLL Ref: 5828.4 1964 (10,512) (loan)

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Photographic Noise and the Signal/Noise Ratio
of Various Photographic Materials, by
I. I. Breido.

RUSSIAN, per, Zhur Nauch Prik Fotograf
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NLL Ref: 5828.4 1964 (10,532) (loan copy)

Sci
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OTS TT-64-14444

Effect of the Parameters of Electrophotographic
Layers on the Optical Density of the Developed
Image, by Yu. A Cherkasov.

RUSSIAN, per. Zh. nauch. prikl. Fotogr. Kinem
Vol. 8, No. 3, 1963, pp 314-315

GB 131/T4891

Sci -
Aug 67

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Smirnov, O. K., Levi, S. M., Averbakh, K. O.,
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THE ANTI-COMET EFFECT OF WETTING-AGENTS
IN COATING PHOTOGRAPHIC EMULSIONS. VI. THE
ANTI-COMET ACTIVITY OF ESTERS OF -SULFO-
PROPIONIC ACID AND THEIR EFFECT ON KINETIC
WETTING. [1964] [19p] 28refs
Order from OTS, SLA, or ETC \$1.60 TT-64-10410

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(Materials--Photographic, TT, v. 12, no. 2)

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I. Smirnov, O. K.
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Office of Technical Services

Gray-Scale Accuracy of Reproduction in
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Kine, Vol VIII, No 5, 1963, pp 327-334.

CIA/FDD XX-1539
NO FOREIGN DISSEM

Sci - Phys

May 64

USIB Internal Use Only

OTS TT-64-14590

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NIL 1-4-64 58224 1761 (10,541)
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Belous, V. M. and Chibisov, K. V.
RELATIONSHIP BETWEEN LUMINESCENCE AND
PHOTOGRAPHIC PROPERTIES OF EMULSIONS.
[1963] 7p 17refs
Order from OTS, SLA, or ETC \$1.10 TT-64-14448

Trans. of Zhurnal Nauchnoi i Prikladnoi Fotografii i
Kinematografii (USSR) 1963, v. 8, no. 3, p. 334-337.

DESCRIPTORS: *Photographic emulsions, *Lumines-
cence, Photosensitivity, Crystal structure.

WELT 11 7 1963 (11, 7)

(Materials--Photographic, TT, v. 11, no. 7)

TT-64-14448

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Office of Technical Services

Use of Shadowgraph Measurements for Qualitative
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NLL Rts 2968

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